

Science Standards Work Group Overview

The work group goal is to evaluate the existing State of South Dakota Science Standards and to determine the next steps for revision. All work will be framed on the current vision for science education in South Dakota as indicated by existing State of South Dakota Science Standards. Any changes to the existing standards will reflect the most current research in science education to help ensure that the standards meet the needs of all South Dakota students.

SCIENCE STANDARDS WORK GROUP			
First Name	Last Name	Occupation	Employer or Business Name
Marc	Aisenbrey	K-5 Teacher	Elk Point - Jefferson Public Schools
Michael	Amolins	HS Teacher	Harrisburg School District
Michelle	Bartels	6-8 Teacher	Hamlin School District
Mari	Biehl	SDIL STEM Coordinator	PAST Foundation and Mid Central Educational Cooperative
Barbara	Boone-Graves	6-8 Teacher	Sioux Falls Public Schools
Julie	Dahl	Post-Secondary	CAMSE-BHSU
Donna	DeKraai	K-5 Grade Teacher	Brookings School District
Cathy	Ezrailson	Post-Secondary	University of South Dakota
Dorothy	Gillespie	6-8 Teacher	Pierre Indian Learning Center
Mark	Iverson	K-5 Teacher	Castlewood School District
Roby	Johnson	6-8 Teacher	Holgate Middle School
Mogard	Kate	K-5 Teacher	Brookings School District
Nicole	Keegan	6 -8 Teacher	Rapid City Area Schools
Lisa	Ketelhut	SPED Teacher	Tea Area School District
Kevin	Lein	Administration	Harrisburg School District
Frances	Linn	HS Teacher	Rapid City Area Schools
Justin	Lovrien	HS Teacher	Brandon Valley High School
Bobbie	Matthews	Grade 5-8 ESL	Huron Middle School
Elizabeth	McMillan	Parent	Sanford Health
Matthew	Miller	Post-Secondary	South Dakota State University
Jeff	Noll	HS Instructional Coach	Sioux Falls School District
Kathy	O'Hara	K-5 Teacher	West Central School District
Julie	Olson	HS Teacher	Mitchell Senior High
Jacqueline	Omland	Post-Secondary	Northern State University
Betsy	Schamber	6-8 Teacher	Madison Central Schools
Marie	Steckelberg	Science Consultant	Steckelberg Consulting, LLC
Molly	TenBroek	9-12 Teacher	McIntosh High School
Michelle	Vande Weerd	Administration	Brookings School District
Sarah	Weber	K-5 Teacher	West Central School District
Janelle	Whitlock	Informal Education	Kirby Science Discovery Center

Meeting #1: January 24-January 25

Day one: This day included a goal for the committee to understand the background of the creation of the existing status of South Dakota Science Standards. Day one also included a thorough review of research in science education that led to the creation of current South Dakota Science Standards and also the research that has been done since that creation.

Day two: The group created questions, based in current research and practice, which could be used to evaluate the current South Dakota Science Standards. The process for creating these questions was based on what the work group values in science education and what was supported in research. The next meeting will allow the workgroup to evaluate the current South Dakota Science Standards and any other research-based standards under consideration. Prior to the second meeting, the SDDOE will review the questions to reference existing research in science education which supports the use of those questions in the evaluation process.

Meeting #2: February 28 – March 1

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Meeting #3: March 28 – March 29

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